

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE <div style="text-align: center;">J</div>		PAGE OF PAGES <div style="text-align: center;">1   4</div>	
2. AMENDMENT/MODIFICATION NO. 0002		3. EFFECTIVE DATE 22-Aug-2003		4. REQUISITION/PURCHASE REQ. NO. W16ROE-3188-8204		5. PROJECT NO.(If applicable)	
6. ISSUED BY USA ENGINEER DISTRICT, NEW YORK ATTN: CENAN-CT ROOM 1843 26 FEDERAL PLAZA (DACA51) NEW YORK NY 10278-0090		CODE DACA51		7. ADMINISTERED BY (If other than item 6) <div style="text-align: center; font-weight: bold;">See Item 6</div>			
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)				X		9A. AMENDMENT OF SOLICITATION NO. DACA51-03-B-0016	
				X		9B. DATED (SEE ITEM 11) 28-Jul-2003	
						10A. MOD. OF CONTRACT/ORDER NO.	
						10B. DATED (SEE ITEM 13)	
CODE		FACILITY CODE					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input checked="" type="checkbox"/> is not extended.  Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning <u>1</u> copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required)							
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.							
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).							
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:							
D. OTHER (Specify type of modification and authority)							
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) The purpose of this amendment is to made changes to the SPECIFICATIONS FOR FY-03 C-17 ADD/ALTER 3-BAY HANGAR, BUILDING 1837, MCGUIRE AFB, NEW JERSEY  The Bid Opening date remains UNCHANGED: 28 August 2003 at 11:00 A.M. local time, in Room 1841.  Offers must acknowledge receipt of this amendment by the date specified in the solicitation or as amendment by one the following methods, on the space provided on the SF 1442, by separate letter or telegram, or by signing block 15 below. FAILURE TO ACKNOWLEDGE AMENDMENT BY THE DATE AND TIME SPECIFIED MAY RESULT IN THE REJECITON OF YOUR BID IN ACCORDANCE WITH THE LATE BIDS, LATE MODIFICATIONS TO BID OR LATE WITHDRAWAL OF BIDS (FAR 14.304)							
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
				TEL: _____ EMAIL: _____			
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA  BY _____ (Signature of Contracting Officer)		16C. DATE SIGNED 22-Aug-2003	

## SECTION SF 30 BLOCK 14 CONTINUATION PAGE

**SUMMARY OF CHANGES**

## SECTION SF 30 - BLOCK 14 CONTINUATION PAGE

The following have been added by full text:

AMENDMENT #2**SPECIFICATIONS**

1.) The following SPECIFICATION has been **REVISED** as indicated below.

**Section 08905, Insulated Translucent Fiberglass Sandwich Panel Wall System**

In Paragraph 2.1.1.c, **CHANGE** the word crystal to rose (Contractor to field verify and match existing.)

**BIDDER'S QUESTIONS AND GOVERNMENT REPLY**

(Questions that may be of general interest of all bidders/Government and that are not readily answered by the proceeding changes will appear below. These questions may have been paraphrased or altered to represent several questions regarding the same subject and/or clarify and simplify the question(s). Questions and answers are issued to the Offerors/Bidders for information only.)

Q1: There is a note on drawing FD.02 that references work by 1823 contractor. Please verify that none of this work is to be done as part of this contract.

A1: Work identified as by the Building 1823 Contractor is not a part of this Contract. Coordinate with the Contracting Officer if the Building 1823 work is not completed when work under this contract commences.

Q2: Drawing F2.02 shows the 1" springs to be removed and replaced with 1 ½" springs. This can't be done without either replacing the branch line fitting from a 1" outlet to a 1 ½" outlet or by using a 1 ½" by 1" reducer. The specifications 3.1.1.3 page 15, section 13955A prohibit "extra fittings". Please clarify if the reducers get installed or if the branch line Tee fittings get replaced.

A2: Where 1" sprigs are replaced with 1.5" sprigs, the branch line fittings shall be replaced with new 1.5" outlet tee fittings, for conformance with Paragraph 3.1.1.3. Arrangement shall be indicated in the hydraulic calculations.

Q3: Are the fire pumps to be flow tested under this contract?

A3: The fire pumps will not be flow tested under this Contract. Flow tests have been performed and test data is shown on F1.01. This test data shall be used for the water supply in the hydraulic calculations.

Q4: The specifications are a little unclear as to what is required for AFFF solution testing. Note 3.4.3 on page 17 of section 13955A says "nozzles shall be discharged tested with water only for proper operation and coverage. Existing oscillating nozzles shall be operated to verify that..." Note 3.4.4 on page 18 of section 13955A says "The complete AFFF concentrate system shall be adjusted and tested to assure proper operation." Note C under that item says "collection of AFFF samples and testing with a conductivity meter to verify proportioning accuracy (all modified systems)." Note 3.5.1 on page 19 of section 13955A says "...the system shall be automatically actuated and allowed to discharge for a period of at least one minute prior to shutting the system off." Note 3.5.3

on page 20 of section 13955A says “ each AFFF proportioner on modified systems shall be flow tested to determine that proportioning accuracy is within specified limits. Each proportioner supplying sprinkler systems with closed heads shall be tested at two flow rates; the minimum flow rate specified in the manufacturers published data and a flow rate at least four times the minimum. Each proportioner supplying a deluge system or a nozzle system shall be tested at the design flow rate.

Please verify which if any proportioners need to be flow tested?

A4: Proportioners to be flow tested are those serving Bays B and C underwing nozzles, and overhead preaction zones B1, B2, and C1. Testing requirements apply to new and modified equipment and system modifications.

Q5: If any of the proportioners need to be tested can Planet Safe (an alternative test liquid) be used instead or AFFF concentrate?

A5: All testing indicated in 13955, Paragraph 3.4.4 and 3.5.3 shall utilize AFFF concentrate. Alternative test liquids are not acceptable.

Q6: Please verify that the existing AFFF concentrate tanks are full and that the only concentrate that the contractor needs to supply for this project is what will be used for testing.

A6: The AFFF concentrate tank shall be considered “full” to the 3,000 gallon level at the beginning of construction. After completion of construction and final testing, the Contractor shall return the tank to its “full” level and fill the solution piping, returning the system to fully operational status.

Q7: How long are the existing springs on drawing F2.02?

A7: Sprinkler head deflector distance for the hangar preaction system is between 1 and 6 inches below structural members, to a maximum of 22” below the roof deck, per NFPA 13 (1994) for beam and girder construction. Sheet FD.02, general note for all sheets, all work, indicates the Contractor shall field verify all dimensions.

Q8: Do the expansion tanks get mounted on the floor or suspended as shown on drawing F6.01 detail 1?

A8: Tanks shall be floor mounted. Expansion tanks are provided with seismic support stands for floor mounting in areas subject to earthquakes per NFPA 13. Sheet FP601 is a schematic diagram illustrating the schematic relationship of the expansion tank to the riser.

Q9: Are tamper switches required on the new control valves for the surge suppression tanks?

A9: Per Section 13955, Paragraph 22.5.8.d, valves shall be locked open. Tamper switch is not indicated for surge and expansion tank isolation valves per Sheet F6.01 or E5.04.

Q10: It appears there is only one manufacturer of the expansion and surge suppression tanks that meet the specifications and the cost of these tanks is extremely high. Is Young Engineering the only acceptable manufacturer of the tanks? If not who else is acceptable?

A10: Tanks shall be UL listed or FM approved, meeting the requirements of Section 13955, Paragraph 2.5.8.

Q11: The letters PS are located in a diamond on Detail 1 of Drawing F6.01. What does this refer to?

A11: PS inside a diamond and PS inside a square are both symbols for a pressure switch.

Q12: Have the check valves in Note 2 on Drawing F6.01 been already installed or does that work get done as part of this contract?

A12: Check valve referred to in Note 2 is existing. No new work required by note 2.

Q13: Has the check valve in Note 3 on Drawing F6.01 been already installed or does that work get done as part of this contract?

A13: Check valve referred to in Note 3 is existing. No new work required by note 3.

Q14: Note SD-10 on Page 7 of Section 13955A is requiring a description of the overall fire protection system. Is that correct or can't they only contain the items that were installed as part of this contract?

A14: O&M Manuals shall contain schematics, descriptions, operating and maintenance information, etc. of equipment installed and subsystems modified in this Contract. A brief narrative description of the sequence of operation of the overall fire protection system is required to provide an understanding of the function of the modified sub-systems. Operating pressures for pumps, valves and other equipment not provided or modified in this contract will be provided by others.

(End of Summary of Changes)